

Appl. No. 10/790,434
Elect. Dated July 23, 2007
Reply to Office Action of June 19, 2007

Appl. No:	10/790,434	Confirmation No.:	9785
Applicant:	Xiang Liu		
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Examiner:	Tran, Dzong D		
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Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Response

This communication is being filed in response to the Election/Restriction Requirement mailed on June 19, 2007.

Applicants hereby elect Species 1 directed to a method and an optical apparatus for optically amplifying an optical signal in an optical transmission system using a semiconductor optical amplifier drawn to claims 1-15, 17, and 19-20 without prejudice and without disclaimer of the remaining subject matter. The applicants reserve the right to file one or more divisional applications directed to an apparatus and method of demultiplexer and power equalization using semiconductor optical amplifier in deep saturation, drawn to the remaining claims 16, and 18.

Listing of claims currently under consideration begins on page 2 of this paper.